

We claim:

1. In a radio frequency tracking system comprising a plurality of transmitters and a receiver, the receiver having an antenna with a reception pattern which defines a reception region, a method for controlling the reception region, comprising the steps of:

adjusting sensitivity of the receiver by attenuating signals received by the antenna;

if the reception range is less than a desired reception range, decreasing attenuation; and

if the reception range exceeds the desired reception range, increasing attenuation.

2. In a radio frequency tracking system comprising a plurality of transmitters and a plurality of receivers, each receiver of the plurality of receivers having an antenna with a reception pattern which defines a reception region, a method for controlling overlap in the reception regions, comprising the step of, for each receiver of the plurality of receivers, adjusting sensitivity of the receiver by attenuating signals received by the antenna, wherein the reception regions for the plurality of receivers are adjusted to overlap without leaving gaps in reception region coverage.

3. In a radio frequency tracking system comprising a plurality of transmitters and a plurality of receivers, each receiver of the plurality of receivers having an antenna with a reception pattern which defines a reception region, an apparatus for controlling reception regions, comprising an attenuator, inserted between a receiver of the plurality of receivers and its associated antenna for adjusting the reception region which the antenna receives, wherein the reception region of each of the plurality of receivers is adjustable for controlling overlap of reception regions.